Claims

We claim:

1. A computer implemented method for generating web content comprising the acts of:

reading a control file;

loading a model file;

processing the model file;

transforming the model file using a widget library; and

transforming the transformed model file using a view transformation file to produce the web content.

2. The computer implemented method of claim 1 wherein the act of processing the model file includes processing a tag from a tag library, generating a Java class, and producing a model instance.

3. A computer implemented method for generating web content comprising the acts of:

storing data production elements in a first file;

storing interactive elements in a second file;

storing display elements in a third file; and

generating the web content using the first, second, and third files.

4. A computer implemented method for developing web content comprising the acts of:

creating a creation file;

processing the creation file; and

rendering a document based on the processed creation file.

5. The computer implemented method for developing web content of claim 4 wherein the creation file is an XML file.

6. The computer implemented method for developing web content of claim 5 wherein the act of processing includes applying logic contained a logicsheet of the creation file.

7. The computer implemented method for developing web content of claim 6 wherein the act of rendering includes applying an XSL stylesheet and formatting the document to a specific resource type.

8. A computer implemented method for developing web content comprising the acts of:

developing a control file;

developing a model file;

developing a view file; and

developing command managers and commands.

9. The computer implemented method of claim 8 wherein the control file includes identification and link transformation information for the model file, the model file includes data and interactivity for the web content, the view file includes style and presentation for the web content.

10. An apparatus for web content generation comprising:

a computer system having communications devices for receiving data from a user and transmitting data to the user;

the computer system having logic mechanisms programmed to generate a plurality of tasks, the tasks comprising actions required to read a control file, load a model file, process the model file, and transform the model file; and

the computer system having additional logic mechanisms programmed to generate web content based on the transformed model file.

11. A computer implemented method for generating web content comprising the acts of:

reading a control file;

loading a model file;

invoking a command defined in a model file, the command returning serialized data;

processing the model file to generate model data including the serialized data;

transforming the model data using a widget library; and

transforming the transformed model data using a view transformation file to produce the web content .

12. An apparatus for web content generation comprising:

means for receiving data from a user and transmitting data to the user;

means, coupled to the means for receiving data from a user and transmitting data to the user, for generating a plurality of tasks, the tasks comprising actions required to read a control file, load a model file, process the model file, and transform the model file; and

means, coupled to the means for generating a plurality of tasks, for generating web content based on the transformed model file.

13. In a network having a user node including a browser program or other general-purpose or purpose-built client program, coupled to the network, the user node providing information and requests for information, and providing application related commands on the network, a network node comprising:

a server node responsive to a request from the user node to process data for generating web content, whereby the server node provides a first mechanism for generating a plurality of tasks required to separate data production elements, interactive elements, and display elements, and a second mechanism for generating the web content based on the separated elements.

14. A computer program product stored on a computed useable medium, comprising;

a first computer readable program mechanism for receiving data from a user and transmitting data to the user;

a second computer readable program mechanism for generating a plurality of tasks, the plurality of tasks comprising actions required to read a control file, load a model file, process the model file, and transform the model file; and

a third computer readable code mechanism for generating web content based on the transformed model file.